

STREPTOCOCCAL DISEASE, INVASIVE GROUP A (GAS)

Invasive group A streptococcal infections may manifest as any of several clinical syndromes:

- **Pneumonia**
- **Bacteremia** in association with cutaneous infection (e.g., cellulitis, erysipelas, or infection of a surgical or nonsurgical wound)
- **Deep soft-tissue infection** (e.g., myositis or necrotizing fasciitis)
- **Meningitis, peritonitis, osteomyelitis, septic arthritis, postpartum sepsis, neonatal sepsis, and nonfocal bacteremia**

Laboratory criteria for confirmation:

- Isolation of group A *Streptococcus* (*Streptococcus pyogenes*) by culture from a normally sterile site (e.g., blood or cerebrospinal fluid, or less commonly, joint, pleural, or pericardial fluid)

Incidence in Kentucky	2000
Number of Cases	30
Rate per 100,000	.76
Rate by Gender	
Female	0.6
Male	0.9

The 60-69 years and 70-79 years age groups had the highest rates at 1.9 and 1.7 cases per 100,000 respectively.

Thirteen of the 30 cases reported occurred in the Northern Kentucky District, giving that district a rate of 3.4 cases per 100,000. Within the Northern Kentucky District, 7 of the cases occurred in Kenton County for a county rate of 4.76 per 100,000. The district with the next highest rate was the Green River District with a rate of 1.9 cases per 100,000.